

N^o-10.

March 23rd 1889

August 29th 1889.

D^r 3011 to 3077.

Hyd 1831 to 1864.

700 H

No. 3011 Dodge Date March 23rd 89

Sigsbee Machine. 2 Reel.

Turns 65 - Cor. + 6 Depth 71

~~Shot or lead~~ 35 lbs

Bottom fine gy S. bk S. bk

Bottom temperature 57.9

No. of Thermometer 61753 - Cor. ± 0

Corrected temperature 57.9

Air 67 Surface 69 Drift NW $\frac{1}{2}$ W 1 mile

Trawl or dredge or tangles large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 1.55.00	1.57.30	0	2.00.00	2.37.00
1.55.30	1.57.00	100	2.05.00	2.34.00
		200	2.09.30	2.30.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3012

Date

ell March 28th /89

Machine.

Reel.

Turns

21

Cor. +

1

Depth

22

Shot or lead

25 lbs

Bottom

fwgs.

Bottom temperature

63

No. of Thermometer

61755

Cor. ± 0

Corrected temperature

63

Air

67

Surface

69

Drift. 1/10 m. N

Trawl or dredge or tangles

Large Beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

4-36-30

38-50

0

4-45-0

15-0

37-0

4-37-30

70
100

45-0

5-11-30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	63	61755		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3013

Date

March 5th 1899

Tanner

Machine.

Reel.

Turns 14 Cor. +

Depth 14

Shot or lead 25 lbs.

Bottom gy S. brk Sh

Bottom temperature 65

No. of Thermometer 61755 Cor. ± 0

Corrected temperature 65

Air 68 Surface 66 Drift. $\frac{1}{2}$ m. Drift.

Trawl or dredge or tangles Large Beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6-25-30 6-27-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

28-0

47-30

6-29-0 6-45-0

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3014*

Date *March 23/89*

Samuel Machine. Reel.

Turns *28* Cor. + *1* Depth *29*

Shot or lead *25 lbs.*

Bottom *gy S*

Bottom temperature *62.2*

No. of Thermometer *61755* Cor. ± 0

Corrected temperature *62.9*

Air *68* Surface *66* Drift. $\frac{1}{2}$ m. *N.*

Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>7-35-0</i>	<i>7-36-30</i>	0	<i>7-36-0</i>	<i>4-15-</i>
		100	<i>7-40-38-0-45</i>	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	62.9	61755		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Smith

No. 1831 Hgd. Date March 24th 89
Sigsbee Machine. 2 Reel.

Turns 82 Cor. + 7 Depth 89

Shot or lead 35-lb

Bottom S. Bk sh

Bottom temperature 64.2

No. of Thermometer 61753 Cor. ± 0

Corrected temperature 64.2

Air 64 Surface 61 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>A.M.</i> 12.22.00	12.24.00	0		
12.22.30	12.23.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
89-100	64.2	61755-		
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

547
 21

No. 3015 Date March 24/84
 Tanner Machine. Reel.

Turns 140 Cor. + 5 Depth 145

Shot or lead 25 lb

Bottom br. M

Bottom temperature 54.2

No. of Thermometer 61755 Cor. ±

Corrected temperature 5-4.9

Air 64 Surface 62 Drift. In. Nx E

Trawl or dredge or tangles Long. 150

4.00 SOUNDING WIRE.

DOWN.	UP.
5-39-50	5-45-0
41-0	43-0
41-30	42-0

4.10 DREDGE ROPE.

TURNS.	DOWN.	UP.
0	5-51-1	5-45-0
100	5-50	5-40-0
200	6-0-0	
300	6-0-0	
400		
500		
600		
700		
800		
900		
1000		
1100		
1200		
1300		
1400		
1500		
1600		
1700		
1800		
1900		
2000		
2100		
2200		
2300		
2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
150				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

500
753

No. 3016 Date March 24 1889
Tanner Machine. Reel.

Turns 73 Cor. + 3 Depth 76

Shot or lead 25 lbs

Bottom gw. M.

Bottom temperature 59

No. of Thermometer 61755 Cor. ± 0

Corrected temperature 59

Air 42 Surface 65 Drift. / 3.10 N.

Trawl or dredge or tangles Large

SOUNDING WIRE.

DOWN.	UP.
9 01. 05	05 00

TURNS:

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

DREDGE ROPE.

DOWN.	UP.
9. 05. 30	11. 2. 30
09. 00	40 00
11. 30	31 00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50	59	61, 55		
76				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2017

No. 3017 Date March 24 1887

Tanner Machine. Reel.

Turns 56 Cor. 1 2 Depth 58

Shot or lead 25 lbs.

Bottom gn. M.

Bottom temperature 61.8

No. of Thermometer 61755 Cor. ± 0

Corrected temperature 61.8

Air 42 Surface 66 Drift 7 17/40

Trawl or dredge or tangles none

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11. 19. 10	21. 10	0	22. 00	54. 00
		100	24. 30	51. 30
		190	27. 00	49. 00
		200	28. 15	48. 15
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
58	61.8	51750		
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Dredge."

No. 3018

Date March 24 1889

J Machine. Reel.

Turns 35 Cor. + 1 Depth 36

Shot or lead 95 lbs

Bottom gy S. bk Sh. wh S h.

Bottom temperature 63.3

No. of Thermometer 61763 Cor.

Corrected temperature 63.3

Air 72 Surface 66 Drift. 2 m. N x E x E

Trawl or dredge or tangles none seen

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>2.21.00</u>	<u>2.21.00</u>	0	<u>2.25.00</u>	<u>2.57.00</u>
<u>2.21.20</u>	<u>2.21.20</u>	100	<u>2.27.00</u>	<u>2.48.00</u>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	63.8	61755		
36				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3010

Date

11 April 1902

Tanner Machine.

Reel.

Turns 13 Cor. +

Depth 12

Shot or lead

Bottom OK S. brk Sh

Bottom temperature 66

No. of Thermometer 6174

Cor. 0

Corrected temperature 66

Air 21 Surface

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
14	6	11		
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 2529 Date (

Machine. Reel.

Turns Cor. + Depth

Shot or lead 1Bottom gy. S. bk. sh.

Bottom temperature

No. of Thermometer } None Cor.

Corrected temperature

Air 67 Surface 65 Drift 0m

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
44.1

No. 3021. Date March 2

Machine. Reel.

Turns 14 Cor. + Depth 14

Shot or lead 25 lbs

Bottom gy S

Bottom temperature } none Co

No. of Thermometer } none Cor.

Corrected temperature }

Air 67 Surface 65 Drift 1/4 NW 1/4 E

Trawl or dredge or tangles Larva B...

SOUNDING WIRE.

DOWN.

UP.

25-0

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

1-26-0

d

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
15				
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *3022* Date *March 24 1889*

Tanner Machine. Reel.

Turns *11* Cor. + *0* Depth *11*Shot or lead *25 lbs*Bottom *gy. S. bk. Sp.*Bottom temperature *66.1*No. of Thermometer *61755* Cor. ± 0 Corrected temperature *66.1*Air *66* Surface *66.1* Drift. *1' N. 1' E.*Trawl or dredge or tangles *Large Beam*

SOUNDING WIRE.

P.M. DOWN.

UP.

9.00.00 *1.30*

TURNS.

DREDGE ROPE.

P.M. DOWN.

UP.

0	00	24.00
100	2.00	21.00
200		
300		
400		
500		
600		
700		
800		
900		
1000		
1100		
1200		
1300		
1400		
1500		
1600		
1700		
1800		
1900		
2000		
2100		
2200		
2300		
2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W 11.47

No. 3023

Date 7/15/05 23 89

Machine. Reel.

Turns Cor. + Namada Depth 10

Shot or lead Namada.

Bottom G. S. Sh.

Bottom temperature None

No. of Thermometer None Cor.

Corrected temperature None

Air 69 Surface 67 Drift. W S W. $\frac{7}{10}$ mile

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

1. 6. 00

0
25
100

1. 8. 50 4. 27. 50
4. 10. 00 4. 28. 00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3624 Date May 25 1897

Tanner Machine. Reel.

Turns 11 Cor. + 0 Depth 11

~~Shot or lead~~ 25 lb

Bottom S. bk. sh. & G.

Bottom temperature 67.

No. of Thermometer 61755- Cor. ± 0

Corrected temperature 67

Air 66 Surface 67 Drift. NW $\frac{1}{2}$ N 10'

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5-11.00	5-11.30	0	5-11.00	6.1.00
5-42.20	5-42.10	85	5-40.00	6.8.00
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
11 25	67.0	61755		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Dr. J. J. J.

No. 30-5-

Date March 25-26

Spinner *Machine.* *Reel.*

Turns $9\frac{1}{2}$ Cor. + 0

Depth 9 1/2

~~Shot or lead 25 lbs.~~

Bottom fine gr. S

Bottom temperature 66 f

No. of Thermometer 61755 - Cor. 0

Corrected temperature 66.1

Air 67 Surface 67 Drift. W x S $1\frac{1}{4}$ mi

Trawl or dredge or tangles *Large B. can*

SOUNDING WIRE.

DREDGE ROPE.

P.M. DOWN.	UP.
7.16.00	7.17.30
7.16.40	7.16.40

TURNS.

DOWN.

1112

()

7.20.00 1.00.00

100

7. 22.00 7.50

200

300

460

500

(3.5)

700

800

610

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

22(x)

2,300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
9.5-25-	66.1	61755-	0	66.1
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3128

Date

March 25/89

Machine.

Reel.

Turns 15

Cor. 4

1

Depth 14

Shot or lead

Bottom

G. Y. brk Sh

Bottom temperature

65.2

No. of Thermometer

6111

Cor.

Corrected temperature

65.2

Air

61

Surface

66

Drift

1 1/2 S 0.4 E

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

8-35-0

4-31-0

TURNS.

DREDGE ROPE.

DOWN.

UP.

8-35

9-01-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2100
2200
2300
2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	66	61151		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

140
507

No. 3037 Date, June 26 1877
Lead Machine. Reel.

Turns 10 Cor. + Depth 10

Shot or lead Hand lead

Bottom gy. S.

Bottom temperature

No. of Thermometer } Cor.

Corrected temperature

Air 65 Surface 68 Drift. 1 mi. N. 1/2 E.

Trawl or dredge or tangles Large Bear

SOUNDING WIRE.

DOWN.

UP.

P. M.
3.22.15

DREDGE ROPE.

P. M. DOWN.

UP.

3.23.00 47.50
25.4 46.10

TURNS.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3028

Date

Machine.

Reel.

Turns

Cor. +

Depth 9 3/4

Shot or lead

Henn

Bottom

S.

Bottom temperature

No. of Thermometer

Cor.

Corrected temperature

Air

1/1

Surface

68

Drift.

1 1/4 N

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

P.M.

3. 5-3. 00

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

545.0

4.21.40

100

3.57.00

4.20.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL-TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Wm

No. 3029 Date March 26th 89
Handline Machine. Reel.

Turns Cor. + Depth 10 1/2

Shot or lead Handline

Bottom fine gy. S. bk. Sh. bk. S. bk.

Bottom temperature

No. of Thermometer } None Cor.

Corrected temperature

Air 70 Surface 68 Drift. 2 1/2 W x 1/2 N

Trawl or dredge or tangles large beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>4.27.00</u>		0	<u>4.28.00</u>	<u>4.49.00</u>
		<u>40</u>	<u>4.32.00</u>	<u>4.47.30</u>
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. *H4.1832* Date

Machine. Reel.

Turns *10* Cor. + Depth *10*

Shot or lead *25 lb*

Bottom *WY S*

Bottom temperature *65*

No. of Thermometer *61755* Cor. ± 0

Corrected temperature *65*

Air *66* Surface *65* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

H-11-0 H-4-3

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
10	65	6175		
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Machine.

Reel.

Turns / / Cor. - /

Depth /

Shot or lead

Bottom

Bottom temperature

No. of Thermometer

Cor. ± 0

Corrected temperature 63.9

Air

Surface

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	63.2	61751		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3030

Date

March 21/12

Tanner

Machine.

Reel.

Turns

19

Cor. +

1

Depth

20

Shot or lead

1

Bottom

sd

Bottom temperature

No. of Thermometer

61755

Cor.

±

Corrected temperature

64

Air

66

Surface

6

Drift.

SE

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

1730

34

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	64	1011.5		
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *5001* Date*Manual* Machine. Reel.Turns *31* Cor. + *2* Depth *33*Shot or lead *4*Bottom *fine M*Bottom temperature *60.5*No. of Thermometer *6155* Cor. ± 0 Corrected temperature *60.5*Air *66* Surface *65* Drift *4m SxW*

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

2.0 *8.50*

100

15.0 *7.50*

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *24712* Date *July 12*

Machine. Reel.

Turns Cor. + Depth *12*Shot or lead *80*

Bottom

Bottom temperature

No. of Thermometer } *4266* Cor.

Corrected temperature

Air *67* Surface *65* Drift *SSW 1/3*

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS:

DREDGE ROPE.

DOWN.

UP.

0

*12.00**21.00**100**4.30**200**17.00**23.00*

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

62710.

No. 3033 Date March 27th 1889

anner Machine. Reel.

Turns 17 Cor. + 1 Depth 18

Shot or lead 25 lbs.

Bottom gy. M.

Bottom temperature 63.5

No. of Thermometer 61755 Cor. ± 0

Corrected temperature 63.5

Air 67 Surface 65.7 Drift $86\frac{1}{2}$ 1 m.

Trawl or dredge or tangles Larac 'can'

SOUNDING WIRE.

A. M.	
DOWN.	UP.
10. 14. . .	10. 30

TURNS.

- 0
- 100
- 200
- 300
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1100
- 1200
- 1300
- 1400
- 1500
- 1600
- 1700
- 1800
- 1900
- 2000
- 2100
- 2200
- 2300
- 2400

DREDGE ROPE.

H. M.	
DOWN.	UP.
10. 18. 0	

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

win 197

No. 3034 *Dodge* Date *March 27th 1889*

Sanner Machine. Reel.

Turns 23 Cor. + 1 Depth 24

~~Shot or lead~~ 25 lb

Bottom *gy. M.*

Bottom temperature 63.1/2

No. of Thermometer 61755- Cor. ±0

Corrected temperature 63.5

Air 67 Surface 69.5 Drift. *S. 8 1/2 E. 1 1/2 mi*

Trawl or dredge or tangles *Large B. m.*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P. M.	DOWN.		DOWN.	UP.
	12.31.30		12.33.00	1.00.00
	12.32.00	90 100	12.36.00	12.57.00
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25	63.5	61753-	0	63.5
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
Wm

No. 3035 Date March 27 1899
Sigsbee Machine. Reel.

Turns 29 Cor. + 1 Depth 30

Shot or lead 25-lb

Bottom gy M.

Bottom temperature 62.

No. of Thermometer 61755 Cor. 0

Corrected temperature 62.

Air 70 Surface 70 Drift. S Ex S 1 mile

Trawl or dredge or tangles. Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.37.00		0	2.40.00	3.11.30
2.37.30	2.37.50	100	2.44.00	
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
30 25	62	61755-	0	62.
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3036

Date

March 29, 1899

Hand lead

Machine.

Reel.

Turns

Cor. +

Depth

5.

Shot or lead

8 lbs.

Bottom M. S. brk Sh.

Bottom temperature

No. of Thermometer

Cor.

Kew

Corrected temperature

Air

73

Surface

Drift. 1/8 m S E.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

11'

26-50

15

100

16-0

9-25-30

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3034

Date

March 31st 1891

Machine.

Reel.

Turns

19

Cor. +

1

Depth

20

~~Shot or lead~~

25 lbs

Bottom

gn. Ml.

Bottom temperature

65.2

No. of Thermometer

61755

Cor. \pm 0

Corrected temperature

65.2

Air

77

Surface

69

Drift.

 $\frac{3}{4}$ m. S $\frac{1}{2}$ E $\frac{1}{2}$ W

Trawl or dredge or tangles

Large Beam

SOUNDING WIRE.

DOWN.

UP.

9. 40 40

DREDGE ROPE.

TURNS.

DOWN.

UP.

9. 42. 10

03. 20

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3038 Date Aug 5 1887

Machine. 2 Reel.

Panner

Turns 30 Cor. + 1 Depth 31

Shot or lead 25 lb

Bottom gy S. bk. sh.

Bottom temperature 65.5

No. of Thermometer 61755 Cor. 0

Corrected temperature 65.5

Air 66 Surface 67 Drift. NW 3/4 W. 3/4 mile

Trawl or dredge or tangles 13 min

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
9.11.00	9.12.10	0	9.16.00	9.51.00
9.11.30	9.11.40	100	9.21.00	9.47.30
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Whist
No. *3039* Date *April 15 1889*

Panner Machine. Reel.

Turns *43* - Cor. + *2* Depth *47*

~~Shot or lead~~ *25 lb*

Bottom *fm gl. S.*

Bottom temperature *68.5*

No. of Thermometer *61755* Cor. + *0*

Corrected temperature *68.5*

Air *66* Surface *67* Drift *W 1/2 N 1 mi.*

Trawl or dredge or tangles *Sauger beam*

A.M. SOUNDING WIRE.		TURNS.	A.M. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>10.31.00</i>	<i>10.32.30</i>	0	<i>10.34.00</i>	<i>11.7.00</i>
<i>10.31.40</i>	<i>10.32.00</i>	100	<i>10.38.00</i>	<i>11.4.00</i>
		150	<i>10.39.00</i>	<i>11.3.00</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507
[Signature]

No. 3040

Date *March 9/89*

Hand Lead Machine. Reel.

Turns Cor. + Depth *21*

Shot or lead *8 lbs*

Bottom *S. Y. Sh.*

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air *69* Surface *68* Drift *60 m NW*

Trawl or dredge or tangles *0' 1' 2' 3'*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

50

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

11' 0" 3, 30
2, 17 30

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1607

No. 3041 Date *Chin. 1/1/18*

Tanner. Machine. Reel.

Turns 56 Cor. + 1 Depth 57

Shot or lead 25 lbs.

Bottom fine gy. S

Bottom temperature 64.5

No. of Thermometer 61155 Cor. ± 0

Corrected temperature 64.5

Air 57 Surface 60 Drift. *None*

Trawl or dredge or tangles *None*

P.W. SOUNDING WIRE.

DOWN.

UP.

1 1 2 3 4

TURNS.

P.W. DREDGE ROPE.

DOWN.

UP.

2-11-0 13-30
45-0 3-09-30

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Tanner

Machine.

Reel.

Turns

16

Cor. +

1

Depth

17

Shot or lead

25 lbs.

Bottom

fine gy. S

Bottom temperature

65

No. of Thermometer

61705

Cor.

50

Corrected temperature

65

Air

67

Surface

67

Drift. 7.11.11. S.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

3-35-0

3-06-0

TURNS.

0

60

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

3-38-0 4-

40-0 3-57-20

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3

Date

April 15th 1889

Machine. 2 Reel.

Turns 68 Cor. 6

Depth 74

Shot or lead 38 lbs.

Bottom fine gy. S.

Bottom temperature 55

No. of Thermometer 61755 Cor. \pm

Corrected temperature 55

Air 65 Surface 65 Drift 1 1/2 11

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

33.00

37.00

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

11.39.00

12.21.00

42.40

12.18.00

46.15

12.15.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Wm. H. Smith

No. 3044 *Dredge* Date *April 16 1889*

Sigsbee Machine. *2* Reel.

Turns *53* Cor. + *5* Depth *58*

~~Shot or lead~~ *35 lb*

Bottom *gy. S. L. Sh.*

Bottom temperature *56.*

No. of Thermometer *61755* Cor. *0*

Corrected temperature *56.*

Air *65* Surface *64* Drift. *W 2 S. 1 mile*

Trawl or dredge or tangles *Large beam*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		P.M. DOWN.	UP.
<i>2. 3. 00</i>	<i>2. 4. 30</i>	0	<i>2. 10. 00</i>	<i>2. 41. 00</i>
<i>2. 3. 30</i>	<i>2. 4. 00</i>	100	<i>2. 13. 00</i>	<i>2. 39. 00</i>
		<i>170</i>	<i>2. 15. 00</i>	<i>2. 36. 30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1040 DateMachine. Reel. # 2Turns 170 Cor. + 10 Depth 10Shot or lead 5Bottom Mo.Bottom temperature 48No. of Thermometer 60550 Cor.

Corrected temperature

Air 64 Surface 65 Drift. 1^m N 50° ETrawl or dredge or tangles 2

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W. M. 1. 507
Swager

No. 30216 Date June 7th 1881

Sanner Machine. Reel.

Turns 46 Cor. + 2 Depth 48

Shot or lead 25 lb

Bottom fine gy S.

Bottom temperature 2

No. of Thermometer 1260 Cor. - 0.1

Corrected temperature 46.1°

Air 56 Surface 66 Drift 1/2 mi. S. 1/2 mi. E.

Trawl or dredge or tangles

44. SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

9. 21. 50	9. 23. 00	0	2. 25. 30	10. 1. 30
1. 22. 30	7. 53. 30	100		10. 0. 00
		200	9. 55. 00	10. 3. 30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Surface water, from 1000 fms. to 1000 fms.
 S. 1000 fms. to 1000 fms. to 1000 fms.
 S. 1000 fms. to 1000 fms. to 1000 fms.*

W 407

No. 3011

Date July 17 1897

Tanner Machine. Reel.

Turns 418 Cor. + 2 Depth 50

Shot or lead 25 lbs

Bottom fine gy S

Bottom temperature 46.3°

No. of Thermometer 57260 Cor. - 0.4

Corrected temperature 45.9°

Air 55 Surface 57 Drift 2.4 88.11

Trawl or dredge or tangles 12

A.M. SOUNDING WIRE.

DOWN.	UP.
10 11.30	10.12.00
10 12.10	10.12.30

TURN. A.M. DREDGE ROPE.

DOWN.	UP.
10.13.00	10.4.00
10.14.30	10.50.00

100
150
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

Set clock back 10 min

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Log of the ...
...
...
...*

W. 1207

No. 90118 Date Jan 7th
Tanner Machine: Reel.

Turns 50 Cor. + 2 Depth 52
~~Shot or lead 25 lbs~~

Bottom Rky.
Bottom temperature 45.5

No. of Thermometer 57260 Cor. - 0.4°
Corrected temperature 45.1°

Air 56 Surface 56 Drift 2 1/4 N 9 1/2 S

Trawl or dredge or tangles Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.5.10	10.5.15	0	11.6.20	11.5.10
10.5.20	10.5.30	100	11.12	11.51.20
		150		
		200	11.15.30	11.47.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mr. White - when co. Mr. Smith, Jr.
Anchor down at 11.00
2000 fath
2000 fath
2000 fath
2000 fath

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Same as 304, with Chinaware.

No.

1834

Date

June 7th 1851

Machine.

Reel.

Turns 53 Cor. +

2

Depth 53

~~Shot or lead~~

25

Bottom

m. g. v.

Bottom temperature 46.1

No. of Thermometer 87260

Cor. -0.4°

Corrected temperature 45.7°

Air

56

Surface 56

Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.

DOWN.

UP.

11.56.40

11.57.00

11.57.20

11.57.50

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1835 Date Jan 11/11

Tanner Machine. (Reel.

Turns 50 Cor. + 2 Depth 52

Shot or lead 25 lbs.

Bottom Rky

Bottom temperature 45-5

No. of Thermometer 57160 Cor. - 0.4°

Corrected temperature 45.1°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11-24-0		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. Prod. 3040 Date June 7, 00

me^y Machine. (Reel. -

Turns 41 Cor. + 2.

Depth 43 fms.

~~Shot or lead~~ 75

Bottom fr blk s.

Bottom temperature 47.1°

No. of Thermometer 57260 Cor. -0.4°

Corrected temperature 46.7 °

Air 59° Surface 57° Drift. S. S. E. 1 1/4 miles

Trawl or dredge or tangles 11

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.M. DOWN.	UP.		P.M. DOWN.	UP.
3.10.30	3.17.05	0	3.13.45	3.11.15
3.11.00	3.11.10	100	3.18.00	
		150	3.19.05	
		200	3.20.05	
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Direction of surface current. Same as - 1000 yds
 a few observations and two or three samples*

No. 1836 *Hydrog.* Date *Janner.* Machine. *(S)* Reel.
 Turns 46 Cor. + 2 Depth 48 fms.
~~Shot or~~ lead 75 lb.
 Bottom *Lo. M.*
 Bottom temperature 49°
 No. of Thermometer 57260 Cor. - 0.4°
 Corrected temperature 48.6°
 Air 54° Surface 52° Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
<i>A.M.</i> DOWN.	UP.		<i>A.M.</i> DOWN.	UP.
8.17.30	29.10	0		
28.25	8.28.34	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3050 Date Jan 16 1881

Tanner Machine. — Reel.

Turns 44 Cor. + 2 Depth 46 fms.

Shot or lead 25 lb.

Bottom Co. bk. M.

Bottom temperature 56.5°

No. of Thermometer 57260. Cor. - 0.4°

Corrected temperature 56.1°

Air 56° Surface 54° Drift. —

Trawl or dredge or dredges

A.M.

SOUNDING WIRE.

DOWN.

UP.

8.46.08 47.30
46.32 8.46.40

TURNS.

DREDGE ROPE.

DOWN.

UP.

8.49.06 9.01.40
8.52.10 8.58.30
8.54.04 8.55.10

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

From 12.30 to 1.00 P.M.

Mr. Brewster left ship at 9:20 on Dec 6
to set trawl. Returned at 12.30 P.M. carrying
12 Red Rocks / 1 Laminated

Hand line fishing began at 9.18 - stopped 9.35 A.M.
Orange Box 15
Red 25

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Fragments of sponge & Gorgonian coral.
Net badly torn.

No. 3051 / 100. Date August 8th 1881

Tanner. Machine. — Reel. —

Turns 57 Cor. + 2 Depth 59 fms.

~~Shot or lead~~ 75 lb.

Bottom C. & bk. sh. - blue.

Bottom temperature —

No. of Thermometer — Cor. —

Corrected temperature —

Air 57 Surface 55 Drift. N. 1/2 W. 1/2 mile

~~Trawl or dredge or tangles~~

A. M. SOUNDING WIRE.

DOWN.	UP.
9.57.20	9.59.05
1.57.50	1.51.00

TURNS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

A. M. DREDGE ROPE.

DOWN.	UP.
10.0-30	10.20.40
10.3-50	10.17.30

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Numerous specimens of Crinoids. Sponges.
 A few sponges - a piece of star coral.
 3 sea urchins. A few small crustaceans.
 A few Bryozoans.

Serial temperature 1000 fathoms.

No. 3050 Date June 1887

Tanner Machine. — Reel.

Turns 46 Cor. + 2 Depth 48 fms.

~~Shot or lead~~ 25 lb.

Bottom C. & brk. sh. rky.

Bottom temperature 49.4°

No. of Thermometer 57260 Cor. - 0.4°

Corrected temperature 49.0°

Air 57° Surface 55.5° Drift. N. & S. 1/2 mile

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

10.33.00

34.38

0

10.35.20

10.47.04

33.27

10.33.00

75.
100

10.37.36

10.48.45

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

H. Shumacher Hand lines commenced at 10.50 A.M.

Dropped at 11.55-

Catch - 21 Red Rock Cod.

9 Run over - 2 Orange Cod.

4 Yellow Tail Cod

Antlers Cod - 2.76

Rock Cod, Orange & Red - average weight 6 to 7 lbs.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

2 specimens of *Aster* *sp.*
Bryozoans, *Ophiurans*.

5711507

No. 1837 Hg Date June 5 '89
Sigsbee Machine. Reel.

Turns 92 Cor. + 3 Depth 95

~~Shot or lead~~ 25 lb

Bottom M

Bottom temperature 41.43°

No. of Thermometer 57260 Cor. -0.4°

Corrected temperature 43.9°

Air 59° Surface 61° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<u>P.M. 1.7.30</u>	<u>P.M. 1.10.50</u>	0		
<u>1.8.30</u>	<u>1.8.40</u>	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507.

No. 1838/4 Date 8th Nov 1887.

Tanner Machine. / Reel.

Turns 59 Cor. + 2 Depth 61

Shot or lead 25 lb

Bottom G. M. S. G.

Bottom temperature 47.7°

No. of Thermometer 57.760 Cor. - 0.4°

Corrected temperature 47.3°

Air 59° Surface 57° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.40.00	1.42.40	0		
1.41.00	1.41.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

907
 No. 3013 Date June 1st 1899
 Tanner Machine. Reel.
 Turns 62 Cor. + 2 Depth 64
 Shot or lead 25 lbs.
 Bottom G. & bk Sh. 7 R. Ky.
 Bottom temperature 47.2
 No. of Thermometer 57260 Cor. - 0.4°
 Corrected temperature 47.3°
 Air 61 Surface 56 Drift. N. N. W. 1/2 N. 3/4 mi.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
4-47-30	4-49-30	0	4-51-0	5.09.45
		100	56-30	5.06.04
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 12 Date 11/1/05

Machine. Reel.

Turns 91 Cor. + 4 Depth 95

Shot or lead 35 lbs.

Bottom fine bk S

Bottom temperature 44°

No. of Thermometer 57260 Cor. - 0.4°

Corrected temperature 43.6°

Air 57 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

5-55-45

58-15

56-45

5-56-50

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1541* Date *June 8, 1881*Machine. *Reel.*Turns *66* Cor. + *2* Depth *68*Shot or lead *25 lbs.*Bottom *G.*Bottom temperature *Therm. did not cap.*No. of Thermometer *57460* Cor. *—*Corrected temperature *—*Air *57* Surface *56* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*32 0**6-10*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *51* Date *June 8/8*
Tanner Machine. Reel.

Turns *51* Cor. + *2* Depth *53*

Shot or lead *25 lbs.*

Bottom *FF R*

Bottom temperature *48.4*

No. of Thermometer *57260* Cor. - *0.4°*

Corrected temperature *48.0*

Air *67* Surface *56* Drift. *N 2/10 m*

~~Trawl or dredge or tangles~~

SOUNDING WIRE.

DOWN.

UP.

7-04-0

7-06-0

TURNS.

DREDGE ROPE.

DOWN.

UP.

7-10-45 *28-30*

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

4.02

No. 1842 Date June 8 1889

Tanner Machine. Reel.

Turns 68 Cor. 1 2 Depth 70 fms

Shot or lead 25 lb.

Bottom G.

Bottom temperature 46.3°

No. of Thermometer 57.760 Cor. - 0.4°

Corrected temperature 45.9°

Air 56° Surface 56° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
7.40.20	8.41.42	0		
41.28		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1843 Date June 5 1882

Tanner Machine. — Reel.

Turns 59 Cor. + 2 Depth 61 fms.

~~Shot or lead~~ 25 lb.

Bottom S.

Bottom temperature 46.8°

No. of Thermometer 57260. Cor. - 0.4°

Corrected temperature 46.4°

Air 57° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

9.43.40

9.46.25

44.73

9.44.45

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1824 Date June 5 1889.

Towee Machine. Reel.

Turns 58 Cor. + 2 Depth 60 fms.

Shot or lead 25 lb.

Bottom M. & S.

Bottom temperature - Thermometer not in use.

No. of Thermometer 57250. Cor. - -

Corrected temperature - -

Air 57° Surface 55° Drift.

Trawl or dredge or tangles

P. M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.40.15	47.15	0		
40.50	10.41.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Thermometer No 57360. came to surface with screw badly bent.

507

No. 1845 *Hyd.*, Date June 8th 1889.

Tanner Machine. Reel.

Turns 70 Cor. 3. Depth 73 fms.

Shot or lead 25 lb.

Bottom fine gy. S.

Bottom temperature 47.6°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 47.2°

Air 57° Surface 55° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
P.M. 11.35.43	11.38.00	0		
36.25	11.36.35	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Wm H

No. 1846 H. B. A. Date June 9th 89

Panner Machine. Reel.

Turns 76 Cor. + 2 Depth 78

Shot or lead 25 lb.

Bottom fm bk S.

Bottom temperature 46.6°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 45.6°

Air 57 Surface 55 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.	UP.		DOWN.	UP.
07.21.12	07.21.12	0		
12.30.00	12.30.00	100		
12.30.30	12.30.30	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200 "	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

W. B. 607

No. 18417 Hye. Date

Sigsbee's Machine. Reel.

Turns 72 Cor. + 3 Depth 75

Shot or lead 25 lb

Bottom gl.

Bottom temperature 45.5°

No. of Thermometer 5725 Cor. - 0.4°

Corrected temperature 45.1°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1.30.00	1.32.50	0		
1.31.00	1.31.30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

(W) 1001+

No. 1848 Hg. Date June 7th 89
Panner Machine. Reel.

Turns 58 Cor. 1 Depth 60

Shot or lead 25 lb

Bottom Rky.

Bottom temperature 46.2°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 45.8°

Air 56 Surface 56 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2.22.00	2.24.30	0		
2.22.40	2.23.00	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Went H

No. 1849 H30 Date June 27 1897

Sigsbee Machine. Reel.

Turns 57 Cor. + 2 Depth 59

Shot or lead 26 lb

Bottom P. brk S.

Bottom temperature 217.0°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 46.6°

Air 57 Surface 67 Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

C.V. DOWN. UP.

3.21.30 3.23.51

3.22.20 3.22.30

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1850 Date *Aug 7 1881*
Tanner Machine. 1 Reel.
 Turns 55 Cor. + 2 Depth 57
 Shot or lead 25 lb
 Bottom *fine bk s.*
 Bottom temperature 47.
 No. of Thermometer 5726.4 Cor. - 0.6
 Corrected temperature 46.6
 Air 57 Surface 57 Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

4.00.00

4.2.20

4.1.00

4.1.10

TURNS.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

DREDGE ROPE.

DOWN.

UP.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

Date

Tanner

Machine.

Reel.

Turns 63

Cor. +

2

Depth

65

Shot or lead

25 lbs.

Bottom

Bottom temperature

47°

No. of Thermometer

57264

Cor. - 0.4°

Corrected temperature

46.6°

Air

46

Surface

57

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

3 - 3 - 15

6 - 30

0

4 - 15

3 - 30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500	-			
600				
700				
800				
900				
1000				

REMARKS.

No. 44. 1852 Date

Anmer. Machine. Réel.

Turns 43 Cor. + 2 Depth 45

Shot or lead 35

Bottom

Bottom temperature 46

No. of Thermometer 3 Cor. - 0.4°

Corrected temperature 46.1°

Air 56 Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

507

No. *14, 1033* Date *June 4/0*

Tanner Machine. Reel.

Turns *33* Cor. + *1* Depth *34*

Shot or lead *25*

Bottom *fine*

Bottom temperature *46*

No. of Thermometer *57264* Cor. *-0.4'*

Corrected temperature *46.1°*

Air *1* Surface *1* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>1.00</i>		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No.

3055

Date

June 1

Machine.

Reel.

Turns 54 Cor. +

Depth 58

Shot or lead 28

Bottom fw s

Bottom temperature 47.8

No. of Thermometer 57100

Cor. - 0.4°

Corrected temperature 47.4°

Air 55

Surface 57

Drift. 7m N 1/2 E

Trawl or dredge or tangles

Large beam trawl

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

55-15 6-56-30

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

7. *Temperature of water at 1000 fathoms.*

1007
 H.C.S.
 No. 3056

Same as 3051

Date June 9th

Machine. (Reel.)

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of Thermometer Cor.

Corrected temperature

Air 54° Surface 52° Drift. N. 1 1/2 miles.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	4-58-30	28.05
		100	8-5-0	8.24.50
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Simult. to 3055. No other data obtained

No. 3057 Sledge Date June 9

Machine. Reel.

Turns 41 Cor. + 2 Depth 43 fms.

~~Sledge or lead~~ 25 lb.

Bottom crs. gy. S.

Bottom temperature 46.1°

No. of Thermometer 57 Cor. - 0.4°

Corrected temperature 45.7°

Air 55° Surface 52° Drift. N. 1/2 N. 1 mile

Trawl or dredge or tangles 6

SOUNDING WIRE.

DOWN.

UP.

9.15.50 07.10
06.20 9.06.35

758

Miller under 1000 ft. at 9.00 am
10.25
24.00
18.00
Caled

TURNS.

DREDGE ROPE.

DOWN.

UP.

0 9.12.05 58.30
100 15.20 54.00
50 19.10 50.10
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Numerous small flounders.
 671 2 large star fish - shrimp

W.M.H. No. 1

No. 3058 Date June 9th 1889

Machine. Reel.

Turns 37 Cor. 1 Depth 38 fms.

Shot or lead 25 lb

Bottom Br. gy. S. Sh.

Bottom temperature 46.2°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 45.8°

Air 55° Surface 53° Drift. 3/4 N x W

Trawl or dredge or tangles large beam

SOUNDING WIRE.

DOWN.

UP.

4.27.30 4.29.30
4.28.00 4.28.20

TURNS.

DREDGE ROPE.

DOWN.

UP.

5.00.00 5.29.30
5.09.00 5.26.00

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

Sounding with hand reel 8.45.00
Sounding with hand reel at 4.30.00
Sounding with hand reel at 4.30.00

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Serial kind of Sounder

W. M. Smith

No. *3059* Date *June 7 1889*
Tanner Machine. Reel.

Turns *74* Cor. + *3* Depth *77*

Shot or lead *25 lbs*

Bottom *M.*

Bottom temperature *45.5*

No. of Thermometer *57264* Cor. - *0.4*

Corrected temperature *45.1*

Air *58* Surface *58* Drift.

Trawl or dredge or tangles *Large beam*

SOUNDING WIRE.		TURNS.	P.M. DREDGE ROPE P.M.	
DOWN.	UP.		DOWN.	UP.
<i>7.13.00</i>	<i>7.15.00</i>	0	<i>7.18.00</i>	
<i>7.13.50</i>	<i>7.14.00</i>	100	<i>7.23.30</i>	<i>8.00.00</i>
		180	<i>7.28.30</i>	<i>7.58.30</i>
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Section of P. brundagei.
a few shells
Shells, Starfish, Squid, Octopus

No. 3060 Dredge. Date June

anner. Machine. Reel.

Turns 27 Cor. + 1 Depth 28 fms.

Shot or lead 25 lb.

Bottom br. M.

Bottom temperature

No. of Thermometer 57264. Cor. —

Corrected temperature

Air 54° Surface 53° Drift. 1/2 mi. E. S. E.

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

6.50.50

52.08

0

6.52.20

12.10

90
100

4.20

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

When lowered thermometer failed to report.
 of

No. 3061 Dredge Date June 13th 1881

Tanner Machine. Reel.

Turns 22 Cor. + 1 Depth 23 fms.

~~Shot~~ or lead 25 lb.

Bottom fine. blk. S.

Bottom temperature 48.8°

No. of Thermometer 57.264 Cor. - 0.4°

Corrected temperature 48.4°

Air 54° Surface Drift. 1 mi. N. N. W.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

18.35

19.10

18.45

19.15

90

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

7.20.45

25.00 7.22.15

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Temp. 24.6° at surface. Temperature
 stable. Small fish on bottom
 and several small jelly fish

No. 3062. Date Jan 12 1880

Tanner. Machine. Reel.

Turns 42 Cor. + 2 Depth 44 fms.

Shot or lead 25 lb.

Bottom fine bk. S.

Bottom temperature 45.6°

No. of Thermometer 57264 Cor. -0.4°

Corrected temperature 45.2°

Air 54° Surface 54° Drift. 8/10 m. E x N.

Trawl or dredge or tangles large net

Q. M. SOUNDING WIRE.		TURNS.	Q. M. DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8.02.10		0	8.32.00	8.51.00
02.43	8.32.50	100	8.35.30	8.51.30
		120		
		200	8.37.00	8.50.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Shutboard side at 8:50 A.M. - Stopped at 8:30
9 Lines over -
Catch - 1 yellow Rock cod.

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Upward of 1000 fms
down surface currents
0.000
few small
Starfish

White

No. 3663 Date Jan 12 1887
Banner Machine. Reel.

Turns 410 Cor. + 2 Depth 42

Shot or lead 25 lb

Bottom fm gy S.

Bottom temperature 46.2°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 45.8°

Air 26 Surface 54 Drift. NE 2 N 1 1/2°

Trawl or dredge or tangles Large beam

SOUNDING WIRE.

DREDGE ROPE.

DOWN.	UP.	TURNS.	DOWN.	UP.
8:55.50	8:57.00	0	9:16.00	9:48.30
8:55.50	8:56.00	100	9:22.30	9:47.30
		200	9:23.20	9:45.00
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

8:58, 10:10, at 9:13
Catch, no fish

Mr. Cleveland left the ship to go
to 11:10

Catch, 1 bag, skate &

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

7 species of Plourdes
Small
Skinner
Star fish

507
117

No. 1854 Hyd. Date June 13th 1889
Panner Machine. Reel.

Turns 24 Cor. + 1 Depth 25

~~Shot or lead~~ 25

Bottom fine g. S.

Bottom temperature 49°

No. of Thermometer 57264 Cor. - 0.1°

Corrected temperature 48.6°

Air 56 Surface 54 Drift.

Trawl or dredge or tangles

(A. M.) SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
10.6.30	10.8.00	0		
10.7.00	10.7.20	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Commenced to fish at 10.55
Landed at 11.00. 10 lobsters oiled.
Bated in brine

Reel used for 24 turns. 10 minutes.

Set block back 6 minutes

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3062 Date June 18 1899

Tanner Machine. — Reel.

Turns 44 Cor. + 2 Depth 46 fm.

~~Shot or~~ lead 25 lb.

Bottom fine gy. S. & S.

Bottom temperature 46°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 45.6°

Air 59° Surface 58° Drift. N 71.3 E .1 mi

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

P.M.

P.M.

12.30.00

31.30

0

12.33.10

59.10

2.25

12.30.30

100

36.30

56.03

130

37.42

12.65.00

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

4:

6:

8:

10:

12:

1:

2:

3:

4:

5:

6:

7:

Cast - mix

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

*Six species of plants; plants; Sculpin;
 mackerel, cod, turbot; Halibut;
 Rockfish; Crabs; Lobsters; a few
 shells.*

No. *100* Date *June 10th 1877*
Tanner Machine. — *Reel.*

Turns 26 Cor. 1 Depth 27 fms.

~~Shot or lead~~ 25 1/2

Bottom fine. bk. S.

Bottom temperature

No. of Thermometer 57,264 Cor. —

Corrected temperature -----

Air 58° *Surface* 57° *Drift.* N. E. 1 mile.

Trawl or dredge or tangles *Scorpaenidae*

SOUNDING WIRE.

DOWN.	UP.
1/20	34.00
2/15	2.32.05

'TURNS'

	DOWN.	UP.
0	2.36.00	3.00.00
100	42.10	2.56.40
200		
300		
400		
500		
600		
700		
800		
900		
1000		
1100		
1200		
1300		
1400		
1500		
1600		
1700		
1800		
1900		
2000		
2100		
2200		
2300		
2400		

San: and 1/2
3.00 M. and 1/2 p.m.
Cath. - 7.15 -
Port. and 1/2
at 3.15 - 7.15 a.m.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

See remarks 2500, 2600, 2700, 2800, 2900, 3000, 3100, 3200, 3300, 3400, 3500, 3600, 3700, 3800, 3900, 4000.
Water clear. Tilted some at top of
div. 2000.
Six species of crustaceans, ten act.; shells;
shrimps; star fish; shells; holothurians.

No. 3066 *Sub. 19* Date *Mar 13th 1889*

Machine. Reel.

Turns 53 Cor. + 2 Depth 55-

Shot or lead 25 lbs.

Bottom S. 74

Bottom temperature 216.

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 45.6°

Air 53 Surface 51 Drift. $\frac{1}{2}$ WNW

Trawl or dredge or tangles *Scilla*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

P.B. DREDGE ROPE.

DOWN.

UIP.

2720

3. 1. 0

()

528.0	56.3
-------	------

5800

4. 8 20

100

[illegible]

200

h 33 10 | 5' 50 00

300

400

500

600

700

800

000

000

100

200

300

400

500

600

700

800

000

000

100

200

200

400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

4 skins of Pteropus
1 skole.
1 Lycaon
Skunk
Stingbat
Squirrel

No. 1855 Hydrog. Date June 14th 1881
 Tanner Machine. Reel.

Turns 43 Cor. + 2, Depth 45 fms.

~~Shot~~ lead 25 lb.

Bottom rky. & S

Bottom temperature 47.°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 46.6°

Air 56° Surface Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

A. M.	SOUNDING WIRE.	
	DOWN.	UP.
12.45		12.30
13.00		12.30

TURNS.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400

DREDGE ROPE.

DOWN. UP.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Fishing Station

Returned 2:05 PM

Danigan's REMARKS. *Catch*

Halibut 8. 290 lb. 25 lb. each
Gullies 600 1. 19. "
Red Rock 10. 60. " 10 " "
Shad 1.
Dog fish 45.
Rockcod 2. 12.
S. 1. 2.

No. 3067 Bridge Date June 18 1885

Tanner Machine. Reel.

Turns 79 Cor. + 3 Depth 82 fms.

~~Shot or lead~~ 25 lb.

Bottom gy. M.

Bottom temperature

No. of Thermometer - Cor.

Corrected temperature -

Air 58 Surface 56 Drift. SW x W 1 1/2 mi

Trawl or dredge or tangles Long beam

P. M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 50	38. 15	0	1. 38. 15	
	1. 37. 40	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Ch. murex, in species of ...
also, shrimps, starfish, & anemone
shells.

507

No.

3068

Date

June 18 18

Tanner

Machine.

Reel.

Turns 131

Cor. +

4

Depth

135

Shot or lead

25 lb.

Bottom

gy. m.

Bottom temperature

No. of Thermometer

Cor. -0.4°

Corrected temperature 54.1°

Air

60

Surface

Drift: N 8 E

Trawl or dredge or tangles

12

SOUNDING WIRE.

DOWN.

UP.

TURNS:

DREDGE ROPE.

DOWN.

UP.

2			0		
	57	0	100	1.27	2.0
	1		200		
			300		
			400		
			500		
			600		
			700		
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

3 1/2 fathoms deep. No bottom. Sea anemone.

No. 3069 Date

Sigsbee

Machine. 20 Reel.

Turns 695 Cor. + 65

Depth 760 fms

Shot or lead 35 lb.

Bottom Gn M.

Bottom temperature 38.4°

No. of Thermometer 7264 Cor. - 0.4°

Corrected temperature 37.6°

Air 55°

Surface 55°

Drift. 1/2 W 1/2 N

Trawl or dredge or tangles L. M. S.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

7.06.00	25.10	0	7.41.50	9.57.30
07.15	24.30	100	45.20	9.51.00
08.20	23.30	200	49.55	9.48.00
09.30	22.50	300		9.44.00
10.35	22.00	400	57.10	9.44.00
12.05	21.00	500	8.01.00	9.43.30
13.50	19.20	600	8.10.00	9.42.00
14.45	17.16.20	700	07.10	9.38.00
		800	8.16.50	9.33.00
		900		9.28.00
		1000	8.17.30	9.27.30
		1100	8.21.00	9.24.10
		1200	8.24.30	9.21.00
		1300	8.27.00	9.17.00
		1400	8.30.00	9.13.30
		1500	8.33.30	9.10.00
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 1. C. P. H. 1000. 2. 1000.
Starfish. Shrimps.
Up carried away. 1000. 1000.
Up carried away. 1000. 1000.

No.

Date

Machine.

Reel. #2

Turns 580 Cor. +

Depth 630

Shot or lead 35 lb

Bottom gn M.

Bottom temperature 38.7

No. of Thermometer 57264 Cor. -0.8°

Corrected temperature 37.9°

Air 67 Surface 67 Drift. 2m

Trawl or dredge or tangles.

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

(DOWN.)

UP.

10.8.00	10.27.00	0	11.01.00	51-45
10.10.00	10.27.00	100	11.01.00	51-45
10.11.30	10.26.00	200	11.04.00	49
10.12.00	10.25.00	300	11.07.00	47
10.14.00	10.24.00	400	11.11.00	44
10.15.00	10.23.00	500	11.14.30	41
10.16.00	10.22.00	600	11.18.00	38
		700	11.22.00	34
		800	11.25.00	31
		900	11.28.00	28
		1000	11.31.30	24
		1100	11.34.00	20
		1200	11.37.30	12-1
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Salastichius
Chaetodon
Eel - olacrum
Star fish - Shrimp - Crinoid
Yellow fish - Shallow

No. 3071 Date June 21
Sigsbee Machine. 2 Reel.

Turns 625 Cor. + 60 Depth 685

Shot or lead 35 lb

Bottom an m

Bottom temperature 38.2

No. of Thermometer 57264 Cor. -0.8°

Corrected temperature 37.4°

Air 56 Surface 55 Drift. 1 1/2 S x N.

Trawl or dredge or tangles Larva Rem

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-03-15	24-30	0	1-33-30	40-30
4-25	24-00	100	1-37-0	37-30
5-25	23-0	200	1-40-30	35-0
6-25	22-15	300	43-30	32-45
7-25	21-25	400	46-0	28-25
11-15	20-30	500	48-30	25-15
	" "	600	51-0	22-0
0	1-14-0	700	53-0	18-45
		800	56-0	15-0
		900	59-30	11-15
		1000	2-2-0	6-30
		1100	5-0	3-15
		1200	7-45	59-0
		1300	10-30	54-0
		1400	13-30	49-30
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Sebastocephalus

macrurus

macrurus

Sebastocephalus macrurus
Sebastocephalus macrurus
Sebastocephalus macrurus
Sebastocephalus macrurus

No.

Date

Machine.

Reel.

Turns 533 Cor. + 157 Depth 1134

Shot or lead

Bottom gy. M.

Bottom temperature 0

No. of Thermometer Cor. -0.8°

Corrected temperature 38.2°

Air 56 Surface Drift 2 mi. 6 1/2

Trawl or dredge or tangles 12

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

56-30 1. 13.00

0

4.29.00 21-50

2-30 1. 13.30

100

4.32.00 18-15

4. 12.00

200

4.35.30 16-10

59-30 2. 11.00

300

4.38.00 14-05

4-50 2. 10.00

400

4.41.00 12-00

1-10 2. 9.00

500

4.44.00 10-00

0-10 2. 8.00

600

4.47.00 8-00

700 4.50.00 6-30

800 4.53.30 5-00

900 4.56.00 5.56.30

1000 4.59.00 5.54.00

1100 5.02.00 5.51.00

1200 5.05.00 5.48.00

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Small Fishes - and a few

No.

Date _____

June 28

Machine.

Recl. # 2

Turns 435 Cor. + 42

Depth 477

Shot or lead 35 lbs

Bottom 9-h all

Bottom temperature 49.6

No. of Thermometer 54264 Cor. -0.4°

Corrected temperature 49.2

Air 56 *Surface* 55 *Drift*, 2 M. East

Trawl or dredge or tangles Umanico 12

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5.00		0		
5.10		100		
5.20		200		
5.30		300		
5.40		400		
5.50		500		
6.00		600		
6.10		700		
6.20		800		
6.30		900		
6.40		1000		
6.50		1100		
7.00		1200		
7.10		1300		
7.20		1400		
7.30		1500		
7.40		1600		
7.50		1700		
8.00		1800		
8.10		1900		
8.20		2000		
8.30		2100		
8.40		2200		
8.50		2300		
9.00		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Sebastocheilus
 Sole. There are Halibut. Hg. Sp. 1000 ft.
 Other not yet determined.
 Rhin. shrimp - Star fish - Ophiuroid.
 Sea urchins - Worms - Sea anemones.
 Penn. etc. etc. etc.

No. *1854* Date *June 2*
 Machine. / Reel.
 Turns *186* Cor. + *74* Depth *66*
 Shot or lead *35 lbs.*
 Bottom *gn. M.*
 Bottom temperature *37*
 No. of Thermometer *54264* Cor. *-0.8*
 Corrected temperature *36.7°*
 Air *57* Surface *54* Drift.
 Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
<i>0</i>	<i>15-0</i>	<i>0</i>		
<i>56-36</i>	<i>14-0</i>	<i>100</i>		
		<i>200</i>		
		<i>300</i>		
		<i>400</i>		
<i>1-0</i>	<i>13-36</i>	<i>500</i>		
		<i>600</i>		
		<i>700</i>		
	<i>12-0</i>	<i>800</i>		
		<i>900</i>		
		<i>1000</i>		
		<i>1100</i>		
		<i>1200</i>		
		<i>1300</i>		
		<i>1400</i>		
		<i>1500</i>		
		<i>1600</i>		
		<i>1700</i>		
		<i>1800</i>		
		<i>1900</i>		
		<i>2000</i>		
		<i>2100</i>		
		<i>2200</i>		
		<i>2300</i>		
		<i>2400</i>		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1004* Date *June 24*
1860 Machine. *1* Reel. *#21*
 Turns *500* Cor. + *77* Depth *577*
 Shot or lead *35*
 Bottom *gn. m.*
 Bottom temperature *37.4*
 No. of Thermometer *57261* Cor. - *0.8°*
 Corrected temperature *36.6°*
 Air *57* Surface *54* Drift. *1 1/2 mi. E.*
 Trawl or dredge or tangles *None*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

<i>6-3-45</i>	<i>24-15</i>	0	<i>6-35-15</i>	<i>9.32.30</i>
<i>5-10</i>	<i>38-30</i>	100	<i>40-0</i>	<i>28.30</i>
	<i>1-20</i>	200	<i>43-0</i>	<i>25.7.</i>
<i>8-20</i>	<i>36-20</i>	300	<i>46-15</i>	<i>22.15</i>
<i>10-0</i>	<i>35-15</i>	400	<i>48-10</i>	<i>19.</i>
<i>11-15</i>	<i>34-15</i>	500	<i>51-0</i>	<i>15.3</i>
	<i>33-0</i>	600	<i>55-0</i>	<i>12.2</i>
<i>14-25</i>	<i>21-30</i>	700	<i>58-0</i>	<i>09.</i>
<i>-50</i>	<i>6-19-10</i>	800	<i>7-1-45</i>	<i>05.</i>
		900	<i>7-41</i>	<i>9.01.15</i>
		1000	<i>8-25</i>	<i>0</i>
		1100	<i>12-30</i>	<i>53.20</i>
		1200	<i>15-30</i>	<i>49.5</i>
		1300	<i>18-30</i>	<i>46.5</i>
		1400	<i>22-15</i>	<i>41.21</i>
		1500	<i>25-30</i>	<i>37.15</i>
		1600	<i>36-0</i>	<i>32.30</i>
		1700	<i>59.15</i>	<i>8.27.1</i>
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1100 fms. - Artimora - and other small
fishes. Holothurians. Star fish - Ophiurans
Sponges - Hydroids - Nemertea - Serpents -
Cephalopods - Molluscs.

No. 3075 Date 36

Sigsbee Machine. Reel.

Turns 775 Cor. + 7 Depth 85 m.Shot or lead 35 lb.Bottom cr. M.Bottom temperature 31.1°No. of Thermometer 5 Cor. -0.8°Corrected temperature 36.6°Air 57° Surface 57° Drift 2 mi. E. S. E.Trawl or dredge or tangles Long 10

SOUNDING WIRE.

DOWN.

UP.

TURNS.

771 DREDGE ROPE.

DOWN.

P.M. UP.

0

10.02.05 12.50.15

100

46.35

200

08.05 43.25

300

11.10 40.10

400

14.40 37.00

500

16.30 33.15

600

19.00 29.50

700

21.40 26.20

800

23.00 23.00

900

27.35 19.35

1000

30.30 14.50

1100

33.20 09.30

1200

36.40 04.25

1300

40.20 59.40

1400

43.40 54.50

1500

46.45 49.10

1600

49.50 43.50

1700

53.20 11.37.00

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Instrument used, No. 111 Shell No. 1
Pressure used, 100 lbs. per sq. in.
Seal used, No. 1

No. 301 Date

Machine. Reel.

Turns 160 Cor. + 18

Depth 178 fms.

Shot or lead 35 $\frac{1}{16}$.

Bottom gn. M.

Bottom temperature 42.

No. of Thermometer 572 Cor. -0.4°

Corrected temperature 43.4°

Air 59° Surface 57° Drift $2\frac{1}{2}$ m. E. S. E.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

33.30

0

4.30.00 5.28.20

34.30

100

4.40.00 5.26.00

4.35.00

200

4.44.00 5.23.00

300

4.47.00 5.19.00

400

4.55.00 5.15.00

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Octopus *Sebastolobus*

1507
 3077

No. 3077 Date Dec 1
 Name Machine. — Reel.

Turns 315 Cor. + 7 Depth 322 fms.

Shot or lead 25 lbs.

Bottom gn. M. & L.

Bottom temperature 42.8

No. of Thermometer 57262 Cor. - 0.4°

Corrected temperature 42.4°

Air 65° Surface 65° Drift 1/4 mi. S.E. x S. (1 mi)

Trawl or dredge or tangles none seen

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3 50.0	1 1.0	0	4-6-0	5.31.00
0.0		100	12-0	5.27.30
1.0		200	16-15	5.23.10
2.15	11 3.20	300	21.0	7.0
		15		
		400	31-10	5.07.45
		500	36-15	5.00.30
		600	38.45	4.56.30
		700	39.0	4.51.0
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

1
 30 fms - 200 fms - 200 fms - 200 fms -
 1000 fms - Shells - Hag fin -

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

APB

No. *74* Date *Aug. 27, 1900*
Sigsbee Machine. Reel.

Turns *70* Cor. *1 3* Depth *73*

Shot or lead *25 lbs.*

Bottom *fine gy. S. bk. sh.*

Bottom temperature *46*

No. of Thermometer *54264* Cor. *-0.4*

Corrected temperature *45.6*

Air *60* Surface *58* Drift.

Trawl or dredge or tangles *—*

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

12-47.0 *12 00*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1412* Date *Aug. 29, 1907*

Tanner Machine. Reel.

Turns *81* Cor. + *3* Depth *84 fms*Shot or lead *25 lbs.*Bottom *fine gy. S. & M.*Bottom temperature *45.2*No. of Thermometer *57264* Cor. *0*Corrected temperature *45.2*Air *66* Surface *68* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DOWN.

UP.

TURNS.

DREDGE ROPE.

DOWN.

UP.

*Ad**1-47-0**1-50-0**0**100**200**300**400**500**600**700**800**900**1000**1100**1200**1300**1400**1500**1600**1700**1800**1900**2000**2100**2200**2300**2400**Water 100 ft. from S.E. 1/4 Sec. 1**distance 17.5*

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Hy. 1861

Date _____

Magazine

Demer

Machine.

Reel.

Turns 84

Cor. +

५

Depth

87

Shot or lead

25 lbs

Bottom

June 24 8: + M.

Bottom temperature

452

No. of Thermometer

5726.

Cor.

Corrected temperature

 45.3°

Air

Surface

Drift.

Trawl or dredge or tangles

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-45-0	2-49-0	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. *1602* Date *Aug. 28 '87*

Machine. Reel.

Turns *78* Cor. + *3* Depth *81*

Shot or lead *25 lbs.*

Bottom *le.*

Bottom temperature *45.5*

No. of Thermometer *5426* Cor. *-0.4*

Corrected temperature *45.1°*

Air Surface *8* Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

DREDGE ROPE.

DOWN.

UP.

TURNS:

DOWN.

UP.

3-42-0

3-44-0

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

H.C.S.

No. 1863 *Log* Date *Aug. 29th 1889,*

Tanner Machine. — Reel.

Turns 116 Cor. + 4 Depth 120 fms —

~~Shot~~ or lead 25 lbs —

Bottom *fine gy. S.*

Bottom temperature 45°

No. of Thermometer 57264 Cor. - 0.4°

Corrected temperature 44.6°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

0. M. 4. 44. 05 4. 46. 30

45. 00 46. 05

45. 10 4. 45. 40

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

	2500	
	2600	
	2700	
	2800	
	2900	
	3000	
	3100	
	3200	
	3300	
	3400	
	3500	
	3600	
	3700	
	3800	
	3900	
	4000	

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

No. 3.

No. 1864 Date Aug. 29th 1889.
 Tanner Machine. — Reel.
 Turns 181 Cor. + 5 Depth 186 fms.
~~Shot~~ lead 25 $\frac{1}{2}$ lbs.

Bottom M.

Bottom temperature 43.9°

No. of Thermometer 57264- Cor.

Corrected temperature 43.5°

Air 59° Surface 59° Drift.

Trawl or dredge or tangles

A.M. SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
6. 15. 20	6. 23. 20	0		
16. 12	20. 00	100		
17. 04	6. 17. 15	200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURE.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS.

Cor Table #2 Reel

Cor	Turns	Cor	Turns	Cor	Turns
0	50	43	1950	167	3850
0	100	45	2000	171	3900
0	150	47	2050	175	3950
1	200	50	2100	179	4000
1	250	53	2150	184	4050
1	300	55	2200	188	4100
2	350	57	2250	193	4150
2	400	60	2300	197	4200
3	450	63	2350	202	4250
3	500	66	2400	206	4300
4	550	68	2450	211	4350
5	600	71	2500	216	4400
5	650	74	2550	221	4450
6	700	77	2600	225	4500
7	750	80	2650	230	4550
8	800	83	2700	235	4600
9	850	86	2750	240	4650
10	900	89	2800	245	4700
11	950	92	2850	250	4750
12	1000	95	2900	253	4780
13	1050	99	2950		
14	1100	102	3000		
15	1150	106	3050		
16	1200	109	3100		
18	1250	113	3150		
19	1300	116	3200		
21	1350	120	3250		
22	1400	123	3300		
24	1450	127	3350		
25	1500	131	3400		
27	1550	135	3450		
29	1600	138	3500		
31	1650	141	3550		
33	1700	145	3600		
35	1750	150	3650		
37	1800	154	3700		
39	1850	158	3750		
41	1900	162	3800		

Correction 253
 W of True 4780

$$\begin{array}{r}
 253 \\
 186 \\
 \hline
 4780.67 \\
 160 \\
 \hline
 4620.253 \\
 186 \\
 \hline
 69
 \end{array}
 \qquad
 \begin{array}{r}
 4780 \\
 160 \\
 \hline
 4620.253 \\
 236 \\
 \hline
 17 \\
 253 \\
 179 \\
 \hline
 74
 \end{array}$$

$$\begin{array}{r}
 253 \\
 235 \\
 \hline
 18
 \end{array}
 \qquad
 \begin{array}{r}
 21780 \\
 580 \\
 \hline
 4200
 \end{array}$$

$$\begin{array}{r}
 47.80 \\
 695 \\
 \hline
 4085
 \end{array}$$

$$\begin{array}{r}
 4780 \\
 786 \\
 \hline
 5994
 \end{array}
 \qquad
 \begin{array}{r}
 235 \\
 197 \\
 \hline
 38
 \end{array}$$

$$\begin{array}{r}
 580 \\
 38 \\
 \hline
 618
 \end{array}
 \qquad
 \begin{array}{r}
 253 \\
 176 \\
 \hline
 77
 \end{array}$$

$$\begin{array}{r}
 4780 \\
 435 \\
 \hline
 4345
 \end{array}$$

$$\begin{array}{r}
 4780 \\
 625 \\
 \hline
 4155
 \end{array}$$

$$\begin{array}{r}
 253 \\
 195 \\
 \hline
 60
 \end{array}$$

$$\begin{array}{r}
 253 \\
 211 \\
 \hline
 42
 \end{array}$$

$$\begin{array}{r}
 4780 \\
 100 \\
 \hline
 5980
 \end{array}$$

$$\begin{array}{r}
 153 \\
 4247 \\
 \hline
 4400
 \end{array}$$

$$\begin{array}{r}
 553 \\
 202 \\
 \hline
 51
 \end{array}$$

$$\begin{array}{r}
 253 \\
 197 \\
 \hline
 56
 \end{array}$$

See preceding page
Correction Table Reel #2

Co	Sum	Co	Sum	Co	Sum	Co
0	50	25	1300	83	2550	
0	100	27	1350	86	2600	
1	150	29	1400	89	2650	
1	200	30	1450	92	2700	
2	250	31	1500	95	2750	
3	300	33	1550	98	2800	
4	350	35	1600	101	2850	
4	400	37	1650	104	2900	
5	450	39	1700	107	2950	
6	500	41	1750	110	3000	
7	550	43	1800	113	3050	
8	600	45	1850	116	3100	
9	650	47	1900	120	3150	
10	700	49	1950	124	3200	
11	750	51	2000	128	3250	
12	800	53	2050	132	3300*	
13	850	56	2100	136	3350	
14	900	59	2150	140	3400	
15	950	62	2200	144	3450	
17	1000	65	2250	148	3500	
19	1050	68	2300			
21	1100	71	2350			
22	1150	74	2400			
23	1200	77	2450			
24	1250	80	2500			

2

No of turns on Reel 3270

Turns

Correction 130

$$\begin{array}{r} 4780 \\ 775 \\ \hline 4005 \end{array}$$

$$\begin{array}{r} 253 \\ 179 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 3270 \\ 53 \\ \hline 3217 \end{array}$$

$$\begin{array}{r} 130 \\ 125 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 253 \\ 188 \\ \hline 65 \\ 695 \\ \hline 760 \end{array}$$

$$\begin{array}{r} 253 \\ 216 \\ \hline 37 \end{array}$$

$$\begin{array}{r} 4780 \\ 775 \\ \hline 4005 \end{array}$$

$$\begin{array}{r} 775 \\ 70 \\ \hline 859 \end{array}$$

$$\begin{array}{r} 3270 \\ 170 \\ \hline 3100 \\ 120 \\ 116 \\ \hline 14 \end{array}$$